

Associative Property of Addition

$$(19+4) + 5 = 19 + (4+5)$$

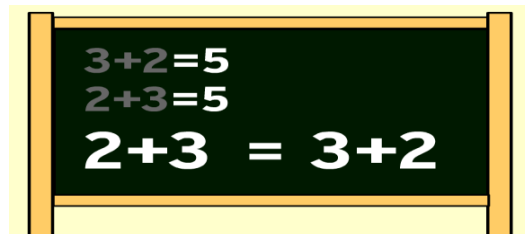
3.U1

Propiedad asociativa de la suma

$$(19+4) + 5 = 19 + (4+5)$$

3.U1

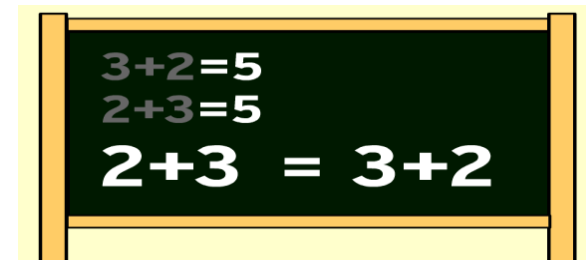
Commutative Property of Addition



3+2=5
2+3=5
2+3 = 3+2

3.U1

Propiedad conmutativa de la suma



3+2=5
2+3=5
2+3 = 3+2

3.U1

Identity Property of Addition

$$1 + 0 = 1$$

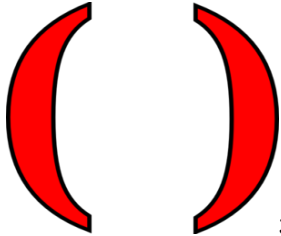
3.U1

Propiedad de identidad de la suma

$$1 + 0 = 1$$

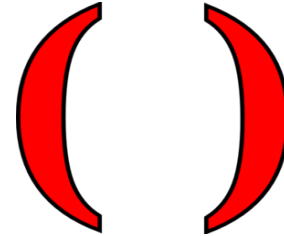
3.U1

parenthesis



3.U1

paréntesis



3.U1

pattern



3.U1, U2,U3

patrón



3.U1, U2,U3

reasonable



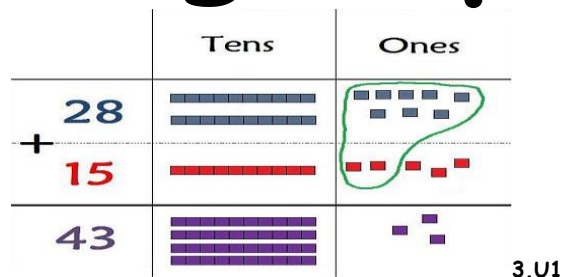
3.U1, U2,U3,U5

razonable

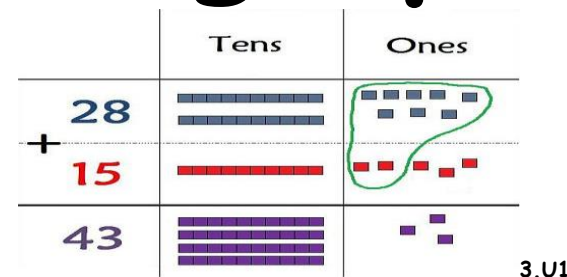


3.U1, U2,U3,U5

regroup



reagrupar



unknown

$$6 + \underline{\quad} = 13$$

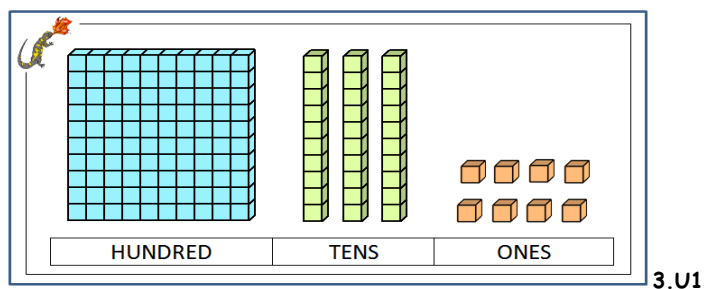
3.U1, U2, U3

número desconocido

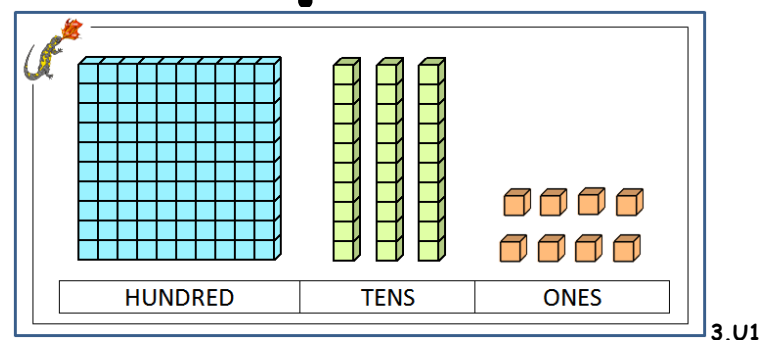
$$6 + \underline{\quad} = 13$$

3.U1, U2, U3

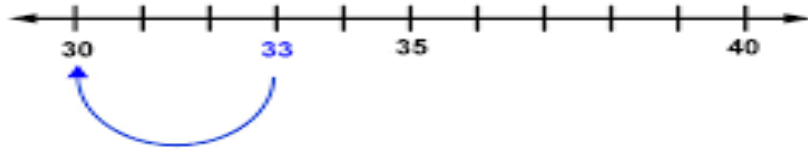
place value



valor posicional

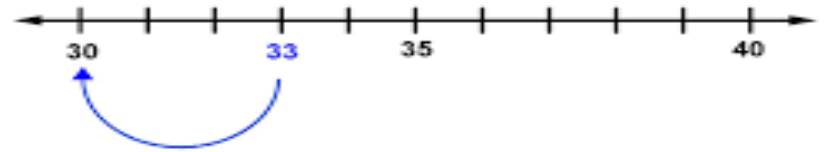


round



3.U1

redondear



3.U1

digit

1 5 3
digit digit digit

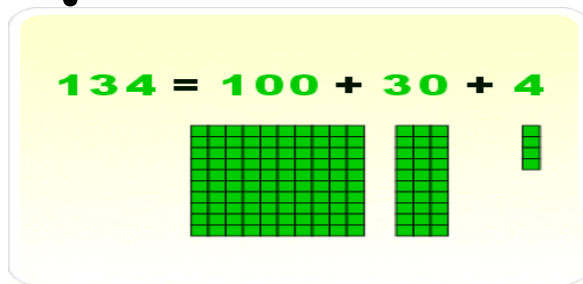
3.U1

digito

1 5 3
digit digit digit

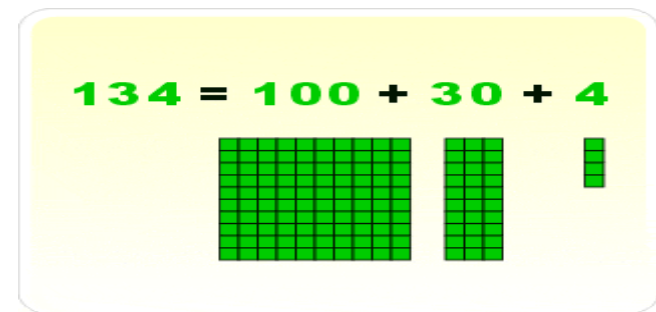
3.U1

expanded Form



3.U1

forma desarrollada



3.U1

standard form

134_{3.U1}

forma estándar

134_{3.U1}

word Form

One hundred
thirty-four_{3.U1}

forma verbal

Ciento treinta y
cuatro_{3.U1}

bar Diagram



diagrama de barra



estimate



3.U1, U2, U3

redondear



3.U1, U2, U3

inverse operations

Inverse Operations	
Operation	Inverse Operation
Addition	Subtraction
Subtraction	Addition

3.U1, U2, U3

operaciones inversas

Inverse Operations	
Operation	Inverse Operation
Addition	Subtraction
Subtraction	Addition

3.U1, U2, U3

sum

$$4 + 5 = 9$$

3.U1

suma

$$4 + 5 = 9$$

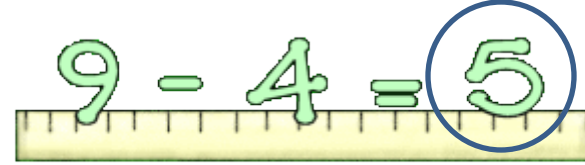
3.U1

difference


$$9 - 4 = 5$$

3.U1

diferencia


$$9 - 4 = 5$$

3.U1

about

$$19 \sim 20$$

3.U1

casi

$$19 \sim 20$$

3.U1

close to

$$19 \sim 20$$

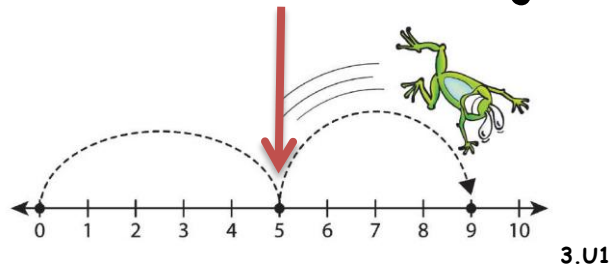
3.U1

cerca

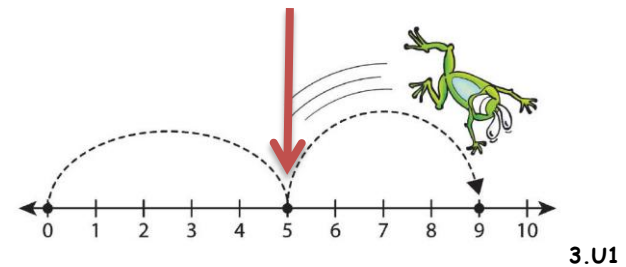
$$19 \sim 20$$

3.U1

halfway



intermedio



ones

5,316_{3.U1}

unidades

5,316_{3.U1}

tens

5,316_{3.U1}

decenas

5,316_{3.U1}

hundreds

5,316_{3.U1}

centenas

5,316_{3.U1}

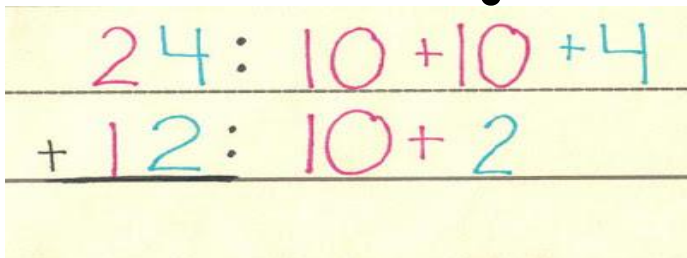
thousands

5,316_{3.U1}

mil

5,316_{3.U1}

decompose

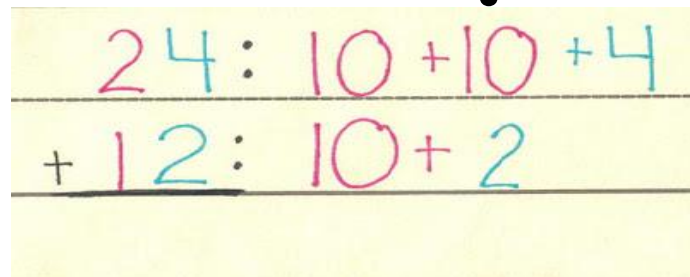


Handwritten decomposition of 24 and 12 on lined paper. The first line shows 24 decomposed into 10 + 10 + 4. The second line shows 12 decomposed into 10 + 2. The numbers are written in blue and pink ink.

$$\begin{array}{l} 24: 10 + 10 + 4 \\ + 12: 10 + 2 \end{array}$$

3.U1,U2,U3

descomponer



Handwritten decomposition of 24 and 12 on lined paper. The first line shows 24 decomposed into 10 + 10 + 4. The second line shows 12 decomposed into 10 + 2. The numbers are written in blue and pink ink.

$$\begin{array}{l} 24: 10 + 10 + 4 \\ + 12: 10 + 2 \end{array}$$

3.U1,U2,U3

expression

$$14 + 7$$

3.U1,U3

expresiones

$$14 + 7$$

3.U1,U3

multiply/ multiplication



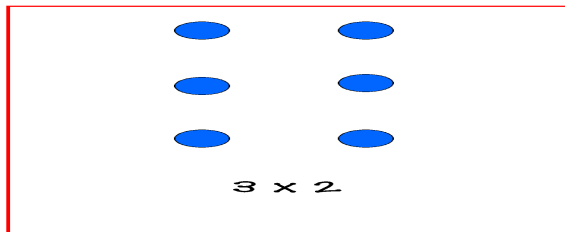
3.U2,U3

multiplicar/multiplicación



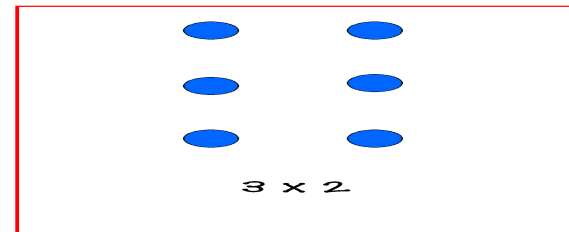
3.U2,U3

array



3.U2,U3

arreglo



3.U2,U3

product

$$8 \times 9 = \underline{72} \text{ 3.U2,U3}$$

producto

$$8 \times 9 = \underline{72} \text{ 3.U2,U3}$$

factor

$$\underline{8} \times \underline{9} = 72 \text{ 3.U2,U3}$$

factor

$$\underline{8} \times \underline{9} = 72 \text{ 3.U2,U3}$$

divisor

$$36 \div \underline{4} = 9 \text{ 3.U2,U3}$$

divisor

$$36 \div \underline{4} = 9 \text{ 3.U2,U3}$$

dividend

$$\underline{36} \div 4 = 9$$

3.U2,U3

dividendo

$$\underline{36} \div 4 = 9$$

3.U2,U3

quotient

$$36 \div 4 = \underline{9}$$

3.U2,U3

cociente

$$36 \div 4 = \underline{9}$$

3.U2,U3

combination

	shoes	shoes
socks	socks, shoes	socks, shoes
socks	socks, shoes	socks, shoes

3.U2

combinación

	shoes	shoes
socks	socks, shoes	socks, shoes
socks	socks, shoes	socks, shoes

3.U2

Commutative Property of Multiplication

$$5 \times 2 = 2 \times 5$$

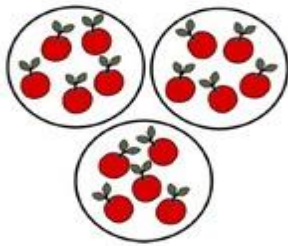
3.U2,U3

Propiedad conmutativa de la multiplicación

$$5 \times 2 = 2 \times 5$$

3.U2,U3

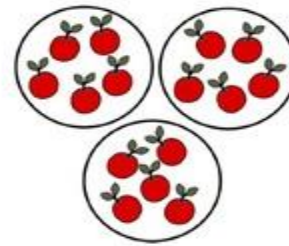
equal groups



$$15 \div 3 = 5$$

3.U2,U3

grupos iguales



$$15 \div 3 = 5$$

3.U2,U3

multiplication sentence

$$6 \times 4 = 24$$

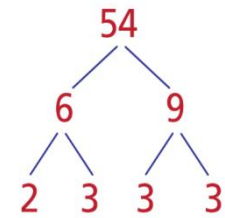
3.U2

enunciado de multiplicación

$$6 \times 4 = 24$$

3.U2

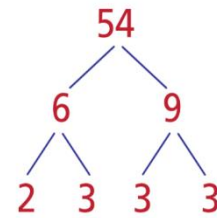
tree Diagram



$$54 = 2 \times 3 \times 3 \times 3$$

3.U2

diagrama de árbol



$$54 = 2 \times 3 \times 3 \times 3$$

3.U2

division sentence

$$28 \div 4 = 7$$

3.U2

enunciado de división

$$28 \div 4 = 7$$

3.U2

fact family

$$\begin{array}{l} 1 + 3 = 4 \\ 3 + 1 = 4 \\ 4 - 3 = 1 \\ 4 - 1 = 3 \end{array}$$

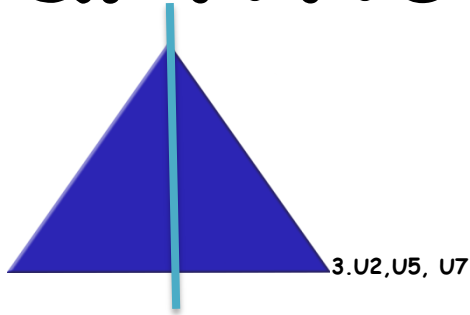
3.U2

familia de operación

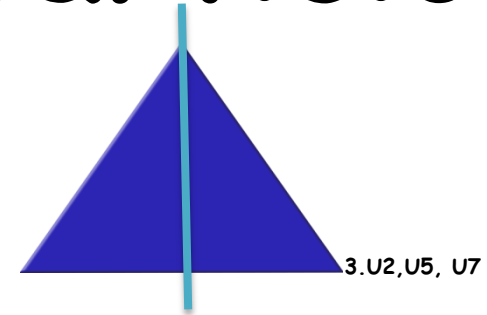
$$\begin{array}{l} 1 + 3 = 4 \\ 3 + 1 = 4 \\ 4 - 3 = 1 \\ 4 - 1 = 3 \end{array}$$

3.U2

partition



partición



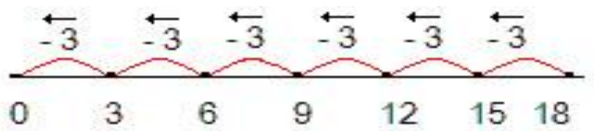
related facts

$+/-$ $\times/\div$ 3.U2

operaciones relacionadas

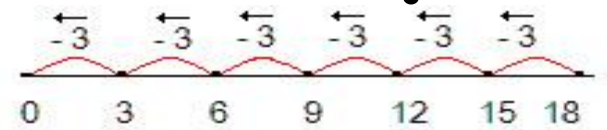
$+/-$ $\times/\div$ 3.U2

repeated subtraction



3.U2

resta repetida



3.U2

divide/division

$$18 \div 3 = 6$$

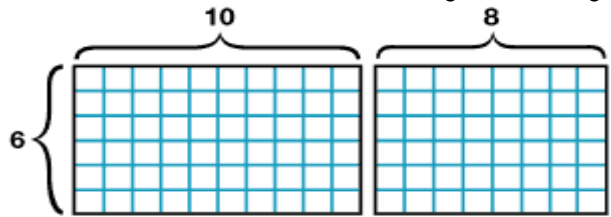
3.U2,U3

dividir/división

$$18 \div 3 = 6$$

3.U2,U3

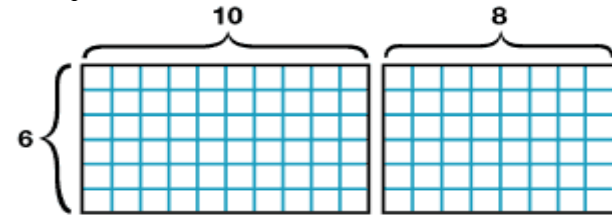
distributive property



$$\begin{aligned} 6 \times (10 + 8) &= (6 \times 10) + (6 \times 8) \\ &= 60 + 48 \\ &= 108 \end{aligned}$$

3.U2,U3

propiedad distributiva



$$\begin{aligned} 6 \times (10 + 8) &= (6 \times 10) + (6 \times 8) \\ &= 60 + 48 \\ &= 108 \end{aligned}$$

3.U2,U3

Zero Property of Multiplication

$$5 \times 0 = 0$$

3.U2,U3

Propiedad del cero de la multiplicación

$$5 \times 0 = 0$$

3.U2,U3

Identity Property of Multiplication

$$8 \times 1 = 8$$

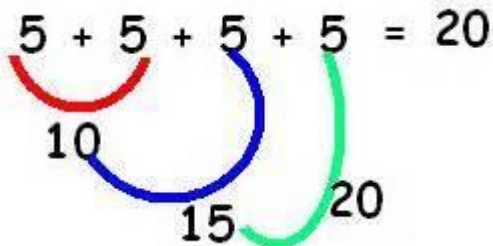
3.U2,U3

Propiedad de identidad de la multiplicación

$$8 \times 1 = 8$$

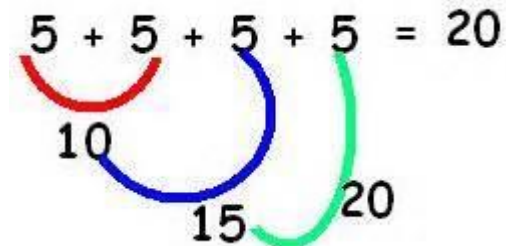
3.U2,U3

repeated addition

$$5 + 5 + 5 + 5 = 20$$


3.U2

suma repetida

$$5 + 5 + 5 + 5 = 20$$


3.U2

multiple



3.U2, U3

múltiple



3.U2, U3

equation

$$x \div 5 = 7$$

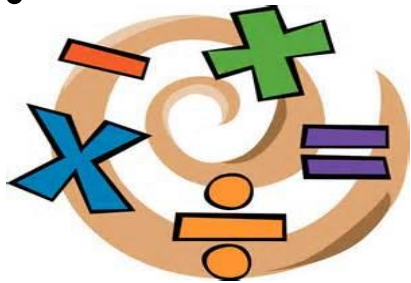
3.U3

ecuación

$$x \div 5 = 7$$

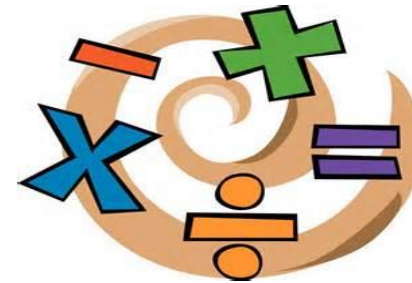
3.U3

operations



3.U3

operaciones



3.U3

known fact

$$5 + 5 = 10$$

3.U3

operación conocida

$$5 + 5 = 10$$

3.U3

Associative Property of Multiplication

$$(2 \times 3) \times 4 = 2 \times (3 \times 4)$$

3.U3

Propiedad del cero de la multiplicación

$$(2 \times 3) \times 4 = 2 \times (3 \times 4)$$

3.U3

evaluate

$$3 \times 5 \times 3 \\ = 45$$

3.U3

evaluar

$$3 \times 5 \times 3 \\ = 45$$

3.U3

variable

$$3 \times \underline{a}$$

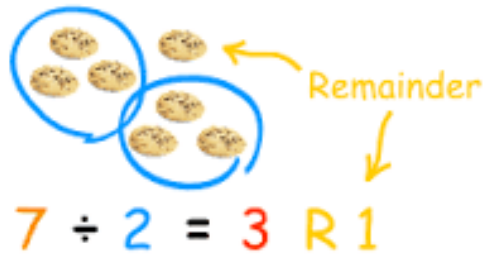
3.U3

variable

$$3 \times \underline{a}$$

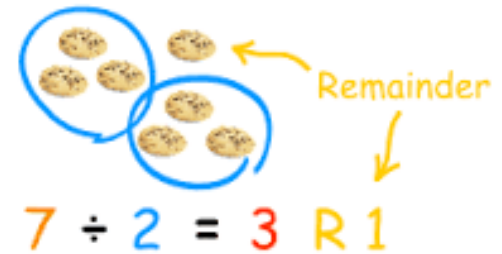
3.U3

remainder



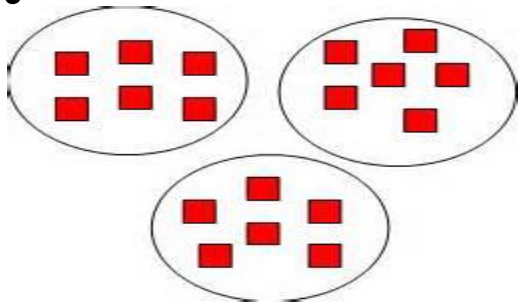
3.U3

residuo



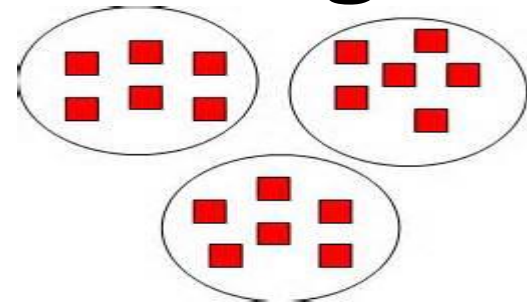
3.U3

equal shares



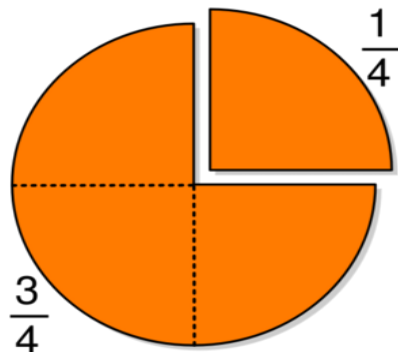
3.U3

partes iguales



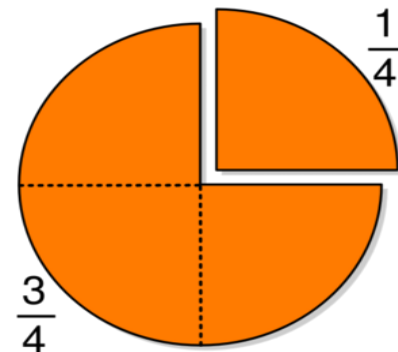
3.U3

fraction



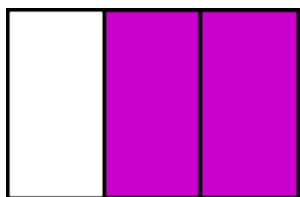
3.U5, U7

fraccion

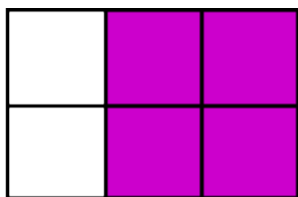


3.U5, U7

equivalent fractions



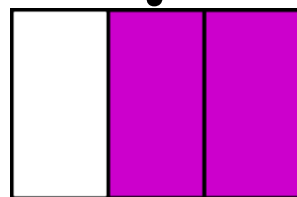
$$\frac{2}{3}$$



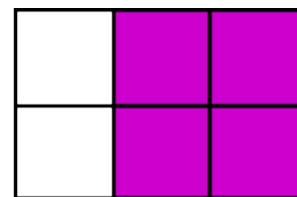
$$\frac{4}{6}$$

3.U5

equivalente



$$\frac{2}{3}$$



$$\frac{4}{6}$$

3.U5

denominator

$$\frac{5}{16}$$

3.U5, U7

denominador

$$\frac{5}{16}$$

3.U5, U7

numerator

$$\frac{5}{16}$$

3.U5, U7

numerito

$$\frac{5}{16}$$

3.U5, U7

unit fraction

$$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$$

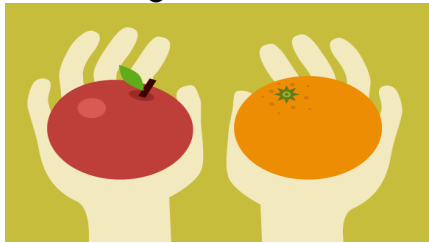
3.U5, U7

fracción unitaria

$$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$$

3.U5, U7

comparison



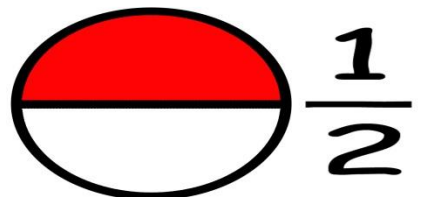
3.U5

comparación



3.U5

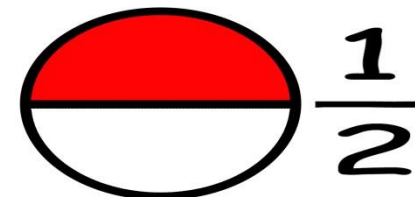
half



one-half

3.U5, U7

mitad



one-half

3.U5, U7

third



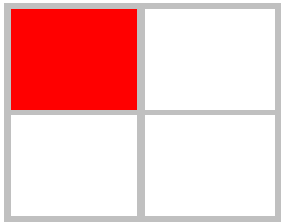
3.U5, U7

tercio



3.U5, U7

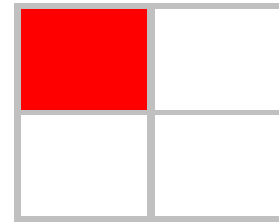
fourth



$\frac{1}{4}$

3.U5, U7

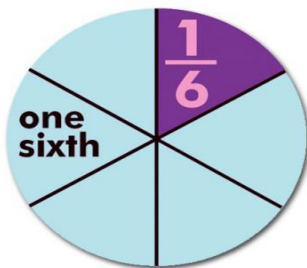
cuartos



$\frac{1}{4}$

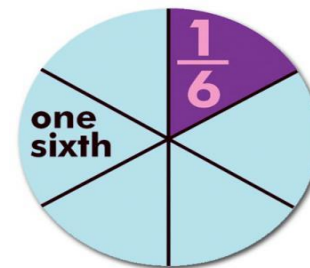
3.U5, U7

sixth



3.U5

sextos



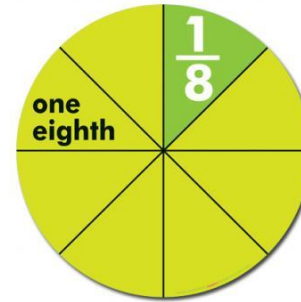
3.U5

eighth



3.U5

octavos



3.U5

part/part/whole



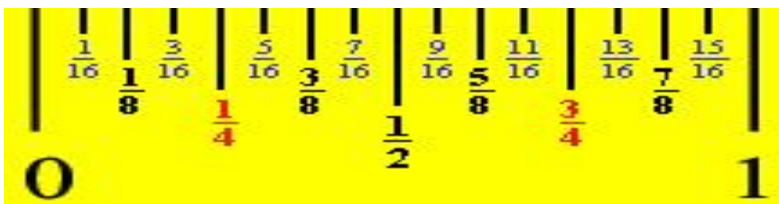
3.U5

part/part/whole



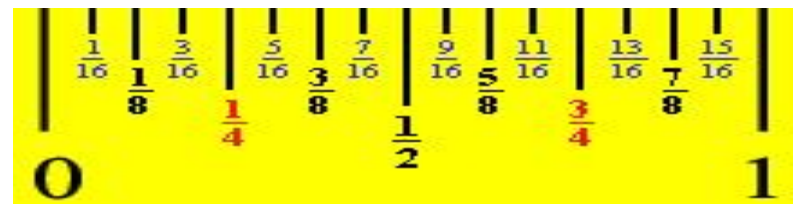
3.U5

linear measurement



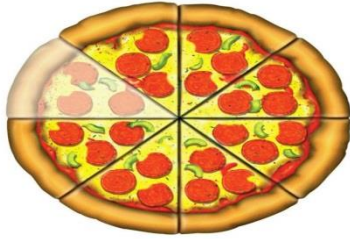
3.U5

medidas lineales



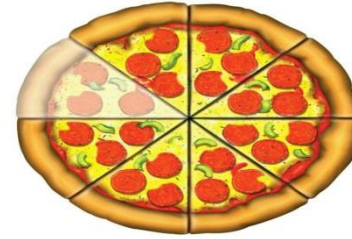
3.U5

equal parts



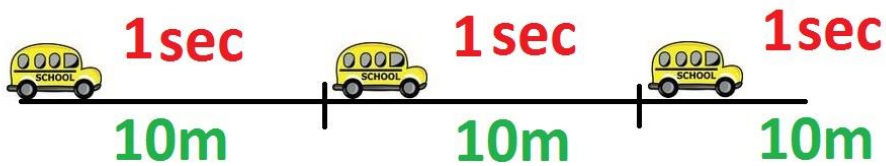
3.U5

partes iguales



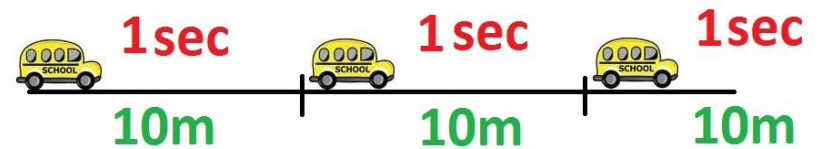
3.U5

equal distance (intervals)



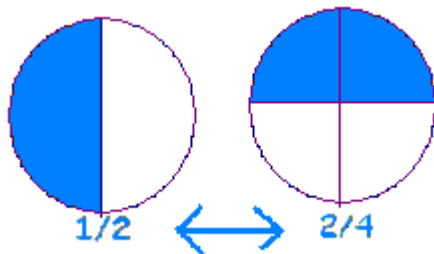
3.U5

distancia igual



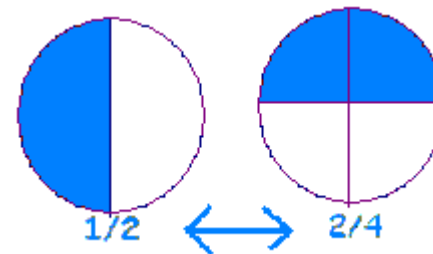
3.U5

equivalence



3.U5

equivalencia



3.U5

justify



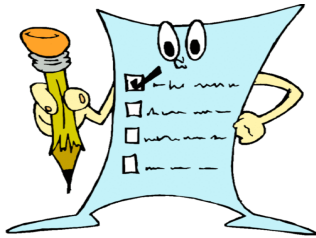
3.U5

justifica



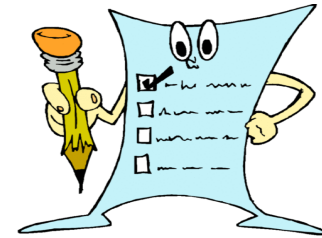
3.U5

survey



3.U6

encuesta



3.U6

data

Favorite Foods	
Food	Votes
	
	
	

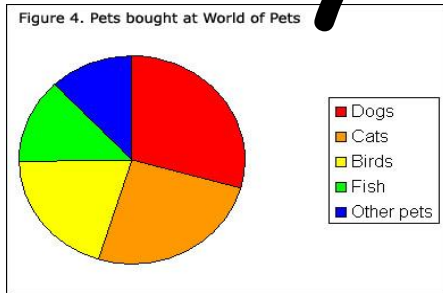
3.U6

datos

Favorite Foods	
Food	Votes
	
	
	

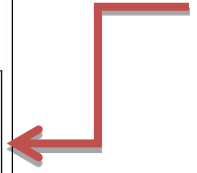
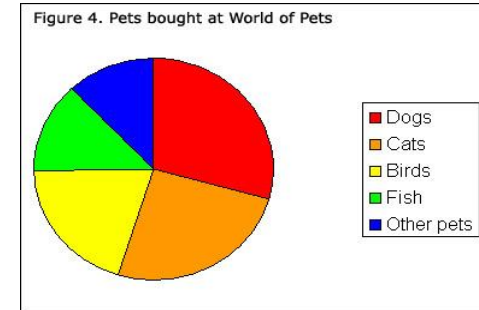
3.U6

key

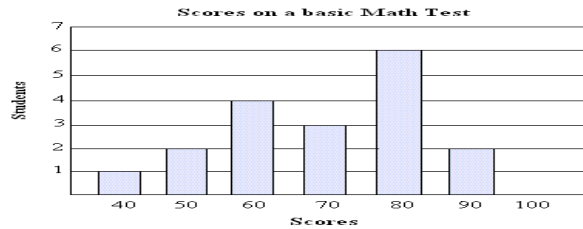


3.U6

clave

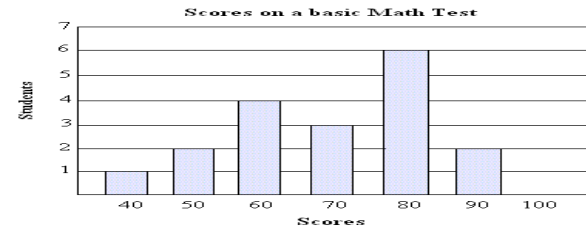


scale



3.U6

escala



3.U6

pictograph



3.U6

pictograma



3.U6

capacity



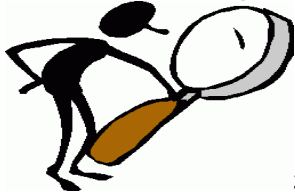
3.U6

capacidad



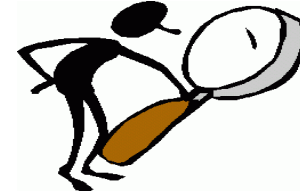
3.U6

analyze



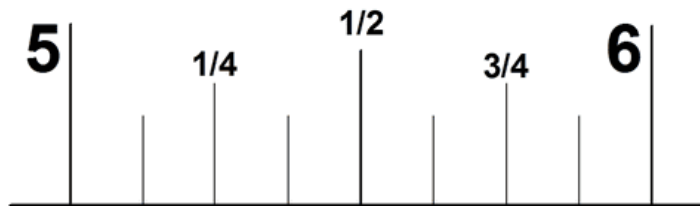
3.U4,U6

analiza



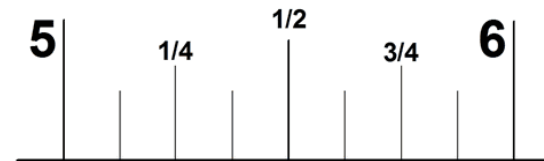
3.U4,U6

quarter Inch ($\frac{1}{4}$)



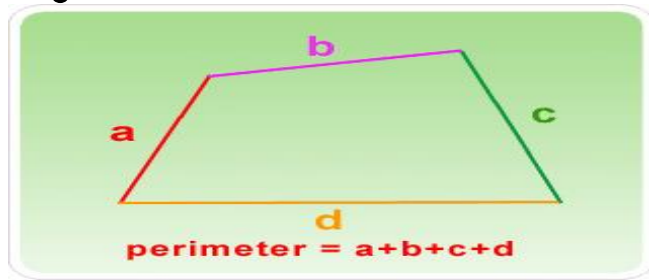
3.U6

cuarto de pulgada ($\frac{1}{4}$)



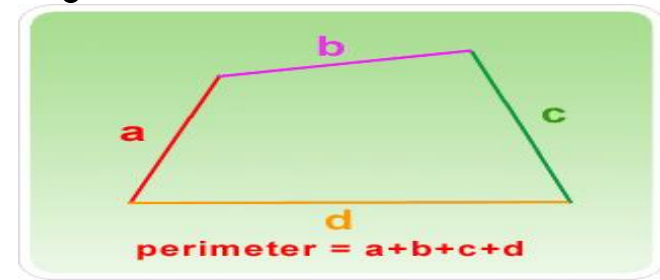
3.U6

perimeter



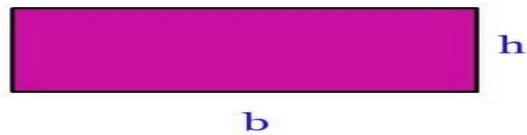
3.U4

perímetro



3.U4

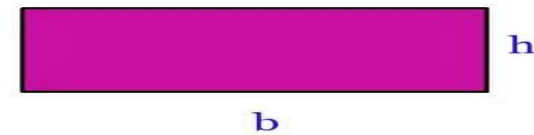
area



$$\text{Area} = b \times h$$

3.U4

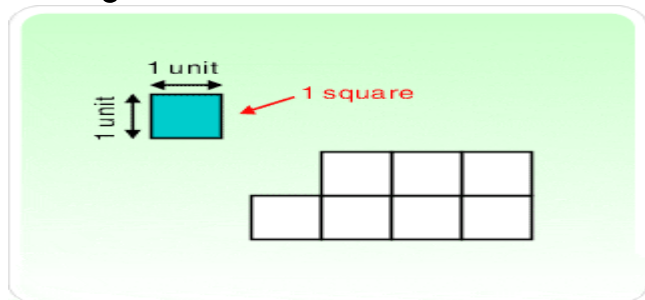
Área



$$\text{Area} = b \times h$$

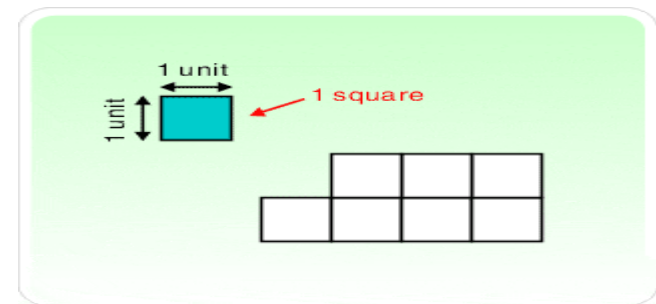
3.U4

square unit



3.U4

unidad cuadrada



3.U4

gram (g)

paper clip=1gram 1/4 tea spoon water=1gram



new dollar bill=1gram

one dime=1gram



3.U6

gramo (g)

paper clip=1gram 1/4 tea spoon water=1gram



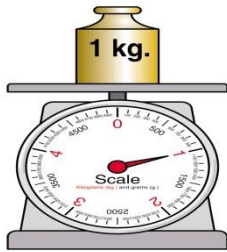
new dollar bill=1gram

one dime=1gram



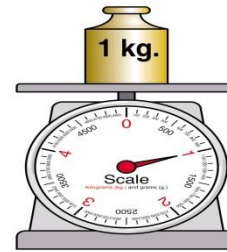
3.U6

kilogram (kg)



1 kilogram = 1000 grams 3.U6

kilogram (kg)



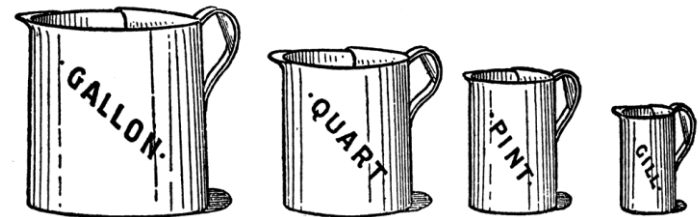
1 kilogram = 1000 grams 3.U6

liquid volume



3.U6

volumen líquido



3.U6

liter (L)



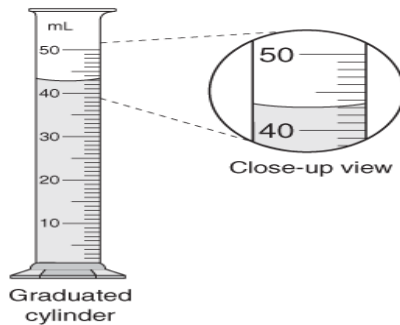
3.U6

litro (L)



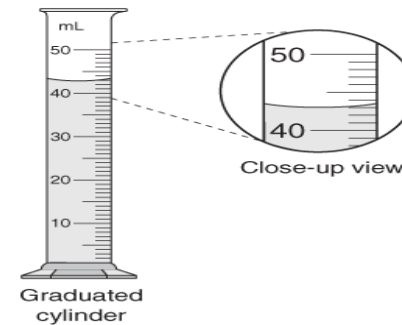
3.U6

milliliter (mL)



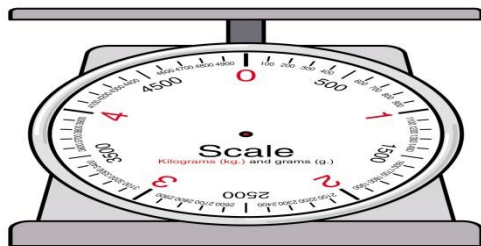
3.U6

mililitro (mL)



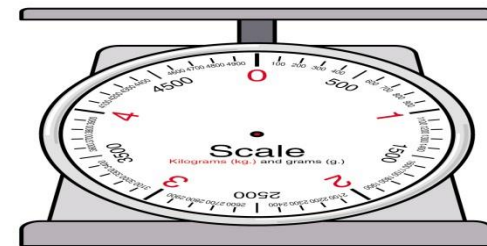
3.U6

mass



3.U6

masa



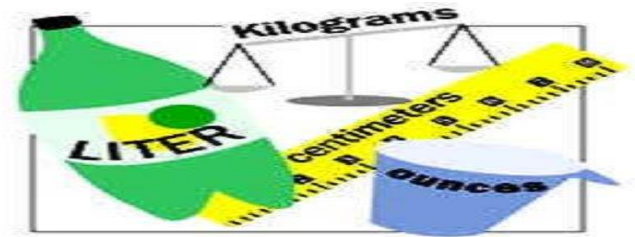
3.U6

Metric System



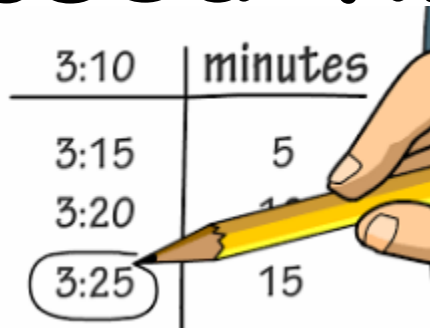
3.U6

Sistema Métrico



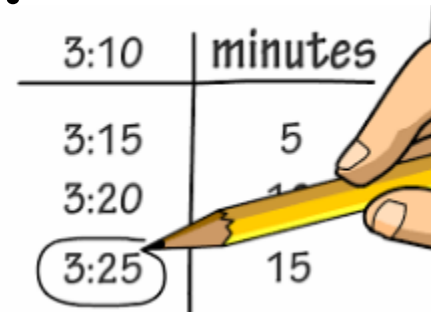
3.U6

elapsed time



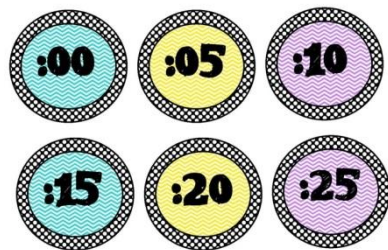
3.U6

tiempo transcurrido



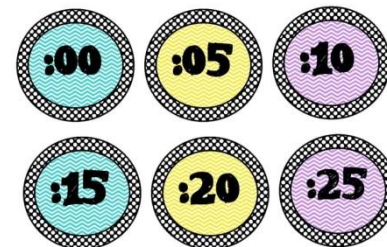
3.U6

time interval



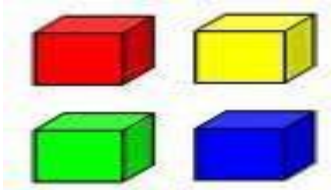
3.U6

intervalo de tiempo



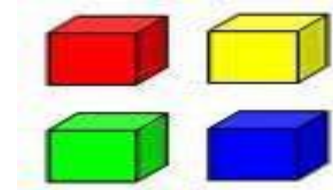
3.U6

unit



3.U4

unidad



3.U4

frequency table

Favorite Color

Color	Tally
red	
orange	
yellow	
green	
blue	
indigo	
violet	I

3.U6

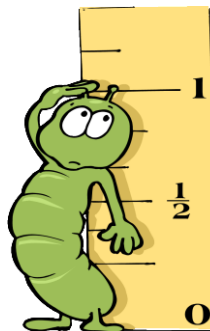
tabla de frecuencias

Favorite Color

Color	Tally
red	
orange	
yellow	
green	
blue	
indigo	
violet	I

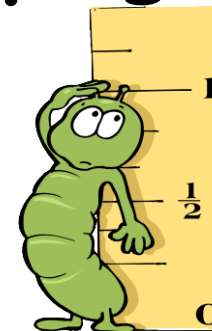
3.U6

half inch (1/2)



3.U6

media pulgada (1/2)



3.U6

interpret

There are 6 more apples than
bananas. 3.U6

interpreta

line plot

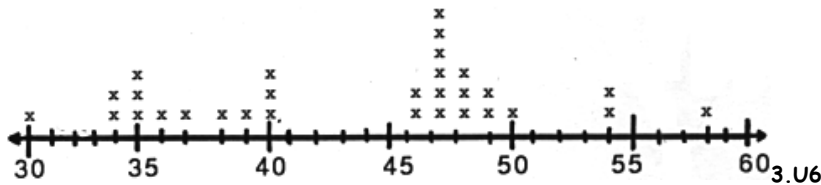
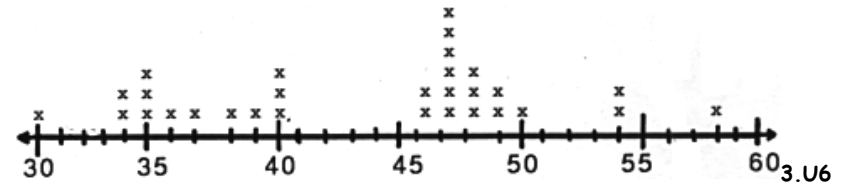
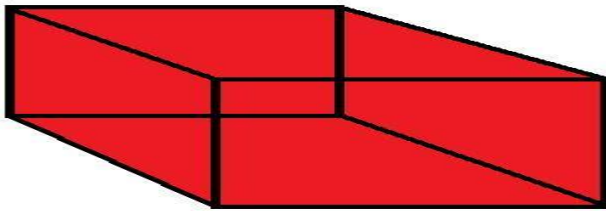


diagrama lineal

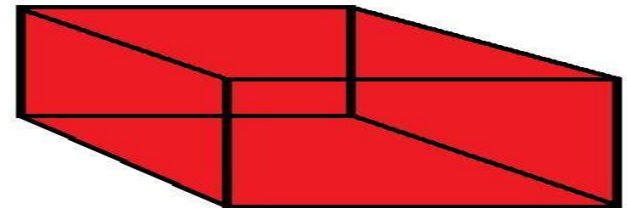


composite figure



3.U4

figura compuesta



3.U4

formula

Area = Length x Width

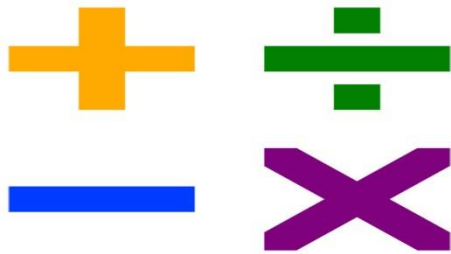
3.U4,U6

formula

Area = Length x Width

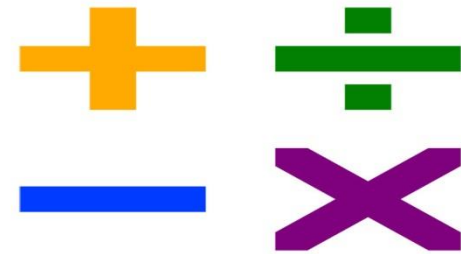
3.U4,U6

symbol



3.U6

símbolo



3.U6

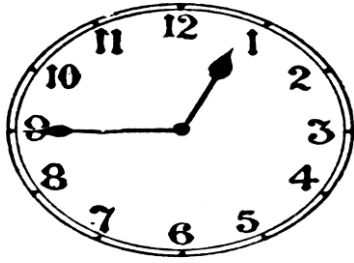
title labels

3.U6

etiqueta del título

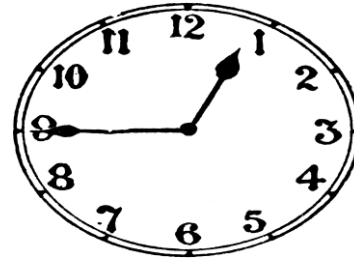
3.U6

quarter to/'till



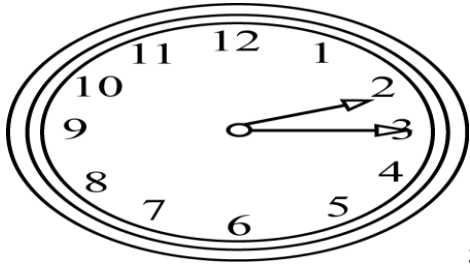
3.U6

un cuarto a



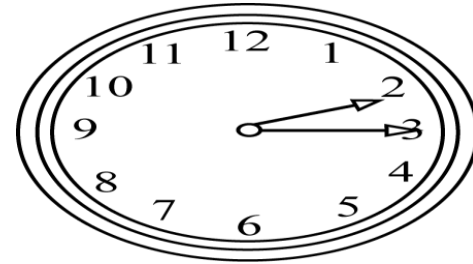
3.U6

quarter of



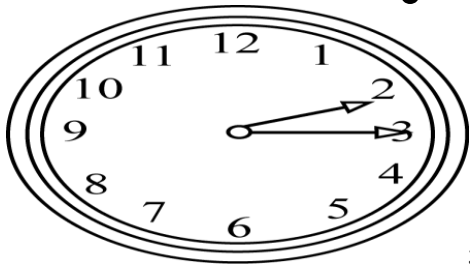
3.U6

un cuarto de



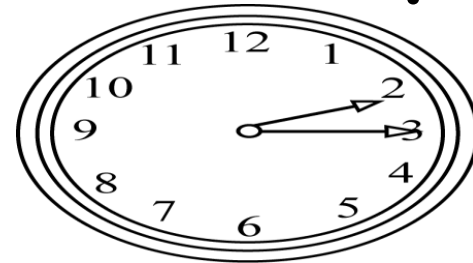
3.U6

quarter past



3.U6

un cuarto después de



3.U6



tiling

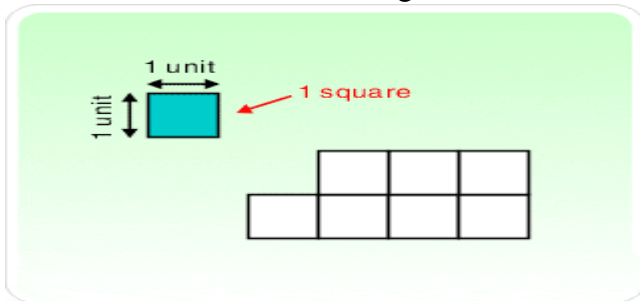
3.U4



embaldosar

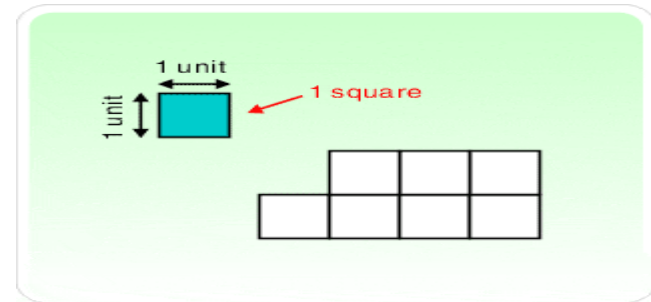
3.U4

unit square



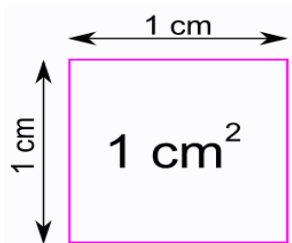
3.U4

unidad cuadrada



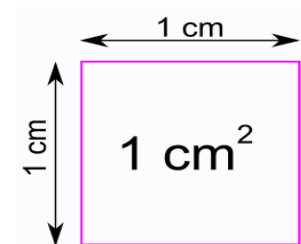
3.U4

square cm



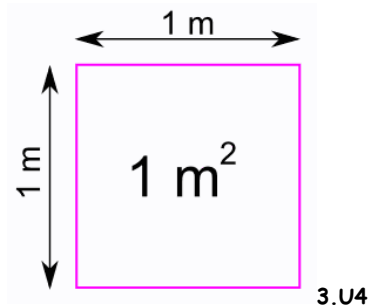
3.U4

cuadrado cm

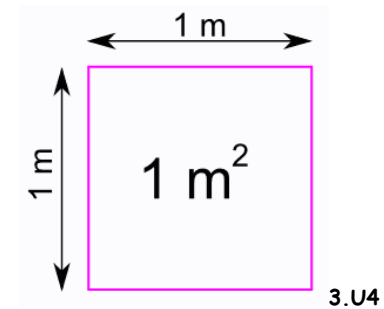


3.U4

square m

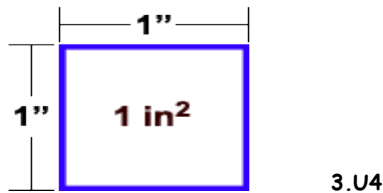


cuadrado m



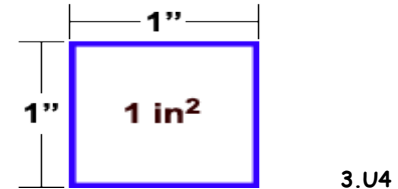
square in.

1 Inch x 1 Inch = 1 in²

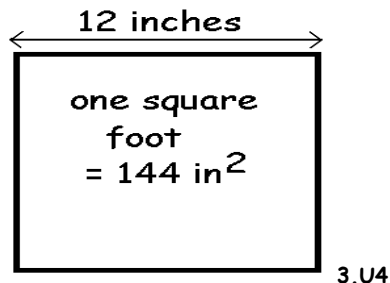


cuadrado in.

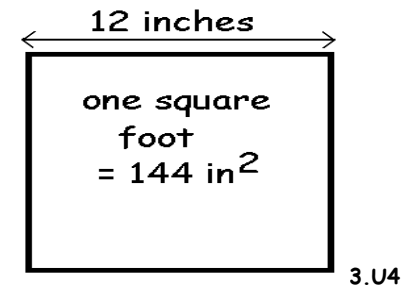
1 Inch x 1 Inch = 1 in²



square ft



cuadrado ft



length



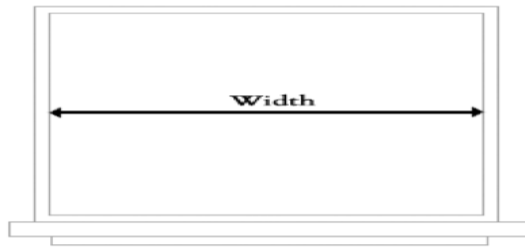
3.U4

longitud



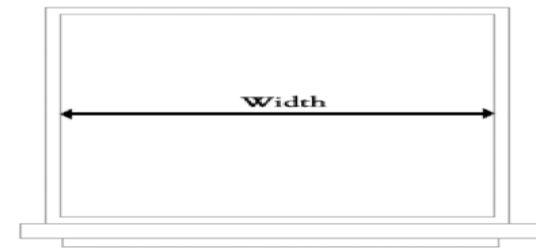
3.U4

width



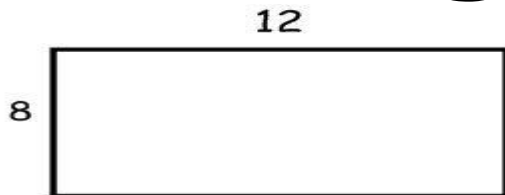
3.U4

ancho



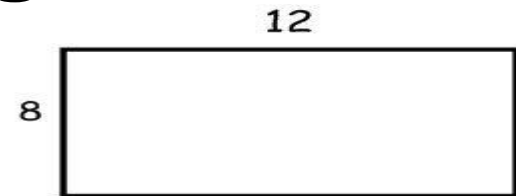
3.U4

side length



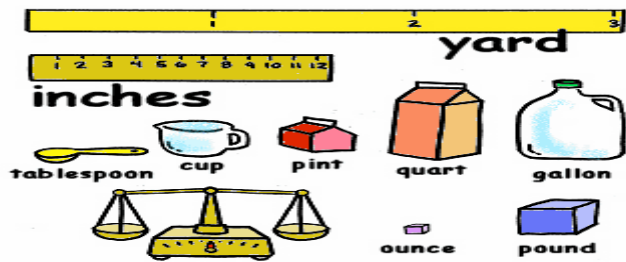
3.U4

longitud del lado



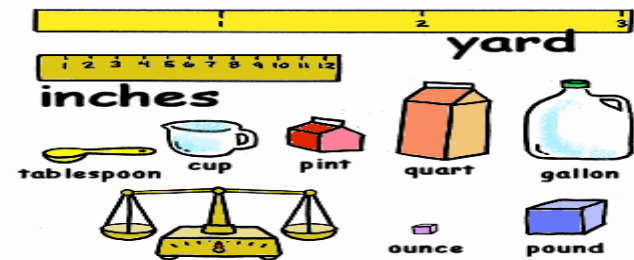
3.U4

U.S. Customary



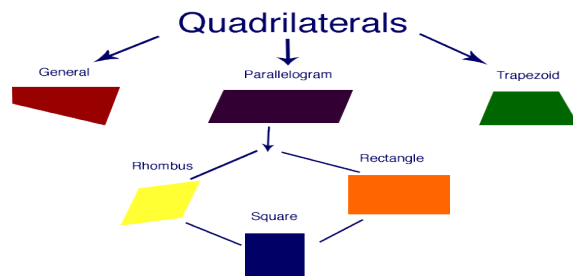
3.U6

Sistema tradicional de EE.UU.



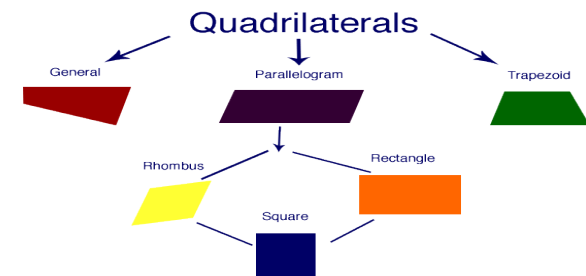
3.U6

quadrilateral



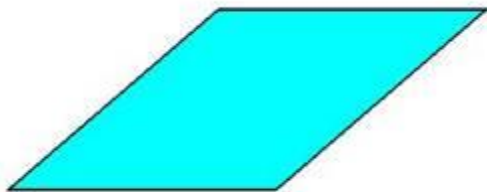
3.U7

cuadrilátero



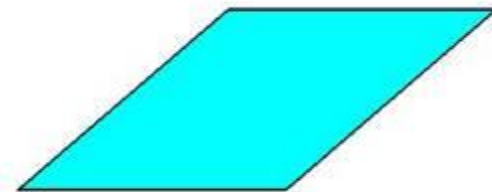
3.U7

rhombus



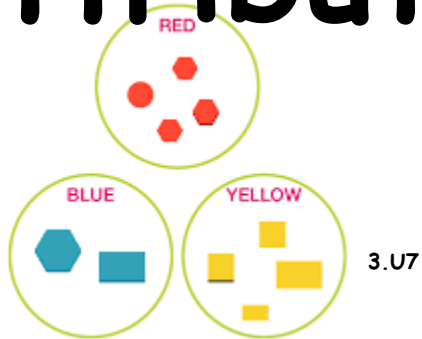
3.U7

rombo

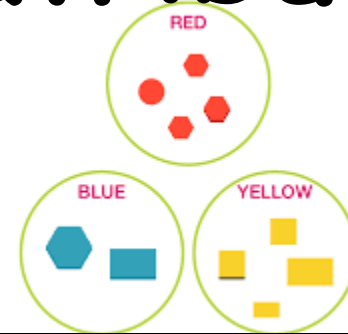


3.U7

attribute

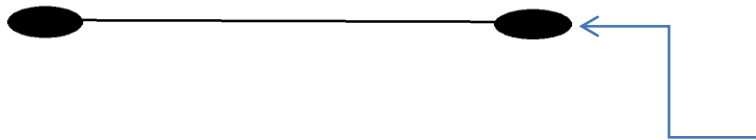


atributo



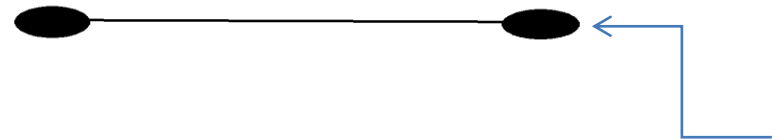
endpoint

3.U7

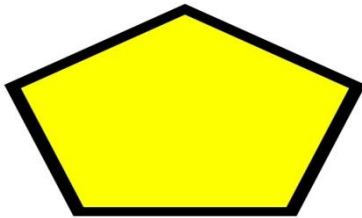


extremo

3.U7

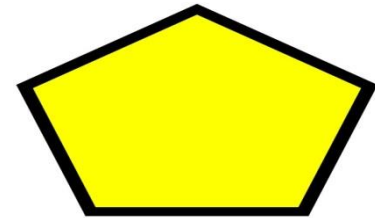


pentagon



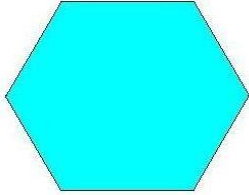
3.U7

pentágono



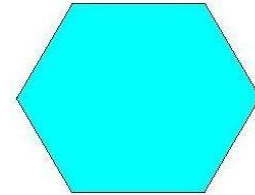
3.U7

hexagon



3.U7

hexágono



3.U7

trapezoid



3.U7

trapecio



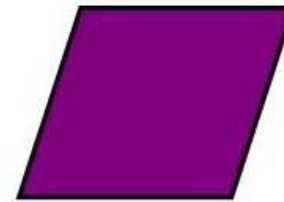
3.U7

parallelogram



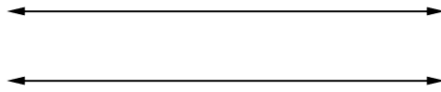
3.U7

paralelogramo



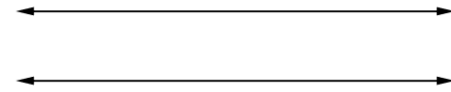
3.U7

parallel



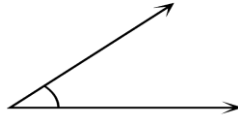
3.U7

paralelo



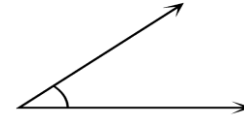
3.U7

angle



3.U7

angulo



3.U7

polygon



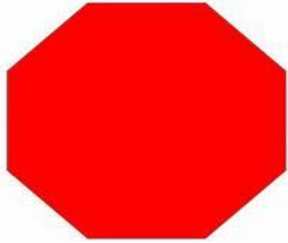
3.U7

polígono



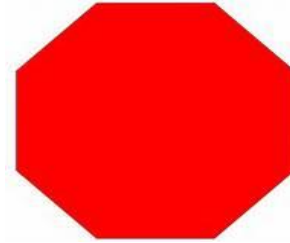
3.U7

octagon



3.U7

octágono



3.U7

ray



3.U7

semirrecta



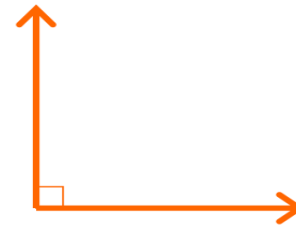
3.U7

right angle



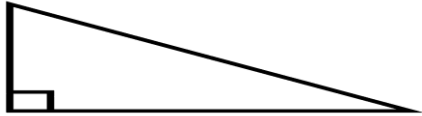
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angulo recto



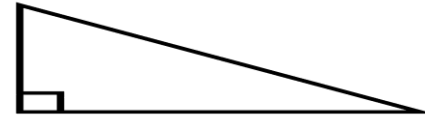
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right triangle



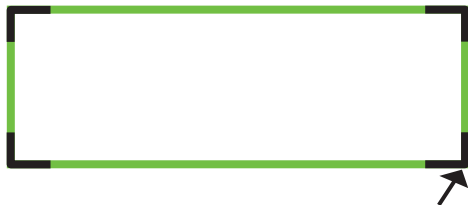
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triángulo rectángulo



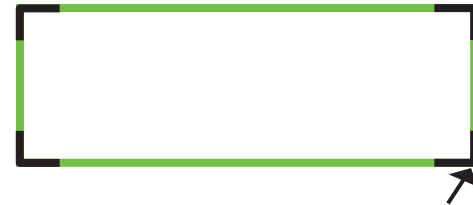
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vertex



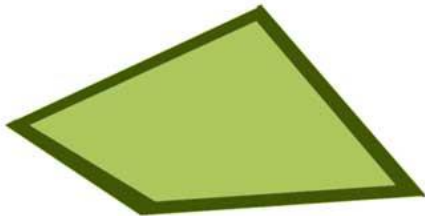
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vértice



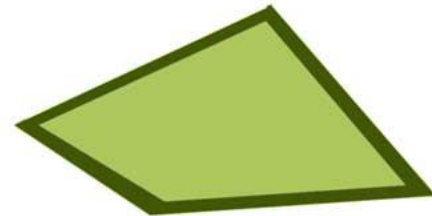
3.U7

plane figure



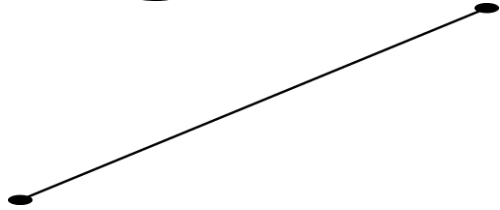
3.U7

figura plana



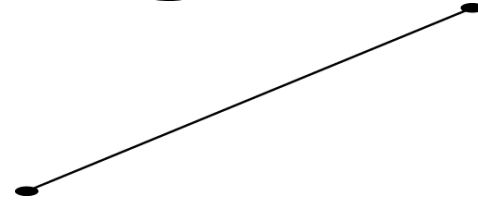
3.U7

segment



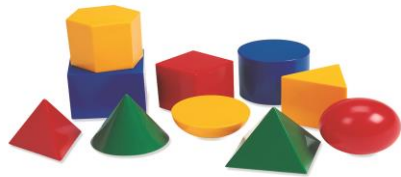
3.U7

segmento



3.U7

geometric



3.U7

geométrico



3.U7

degree



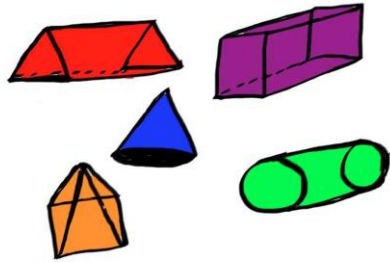
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grado



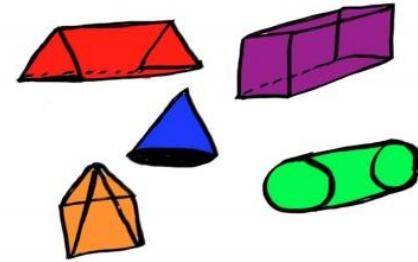
3.U7

3-Dimensional



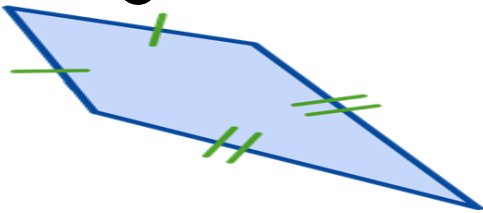
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tridimensional



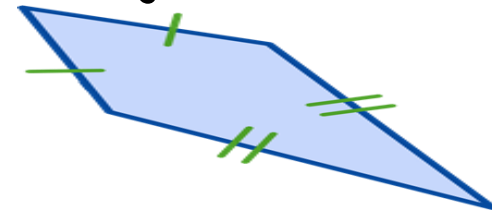
3.U7

adjacent



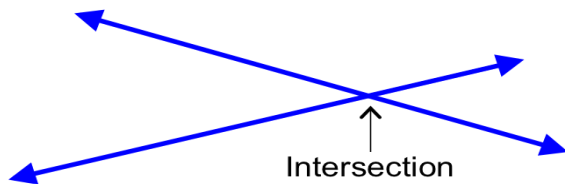
3.U7

adyacente



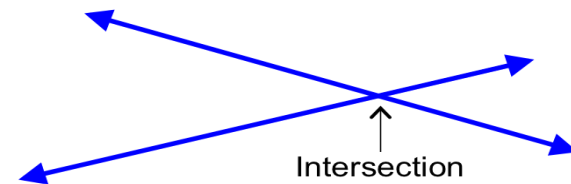
3.U7

intersect



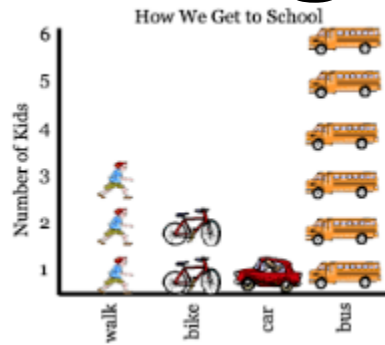
3.U7

secante



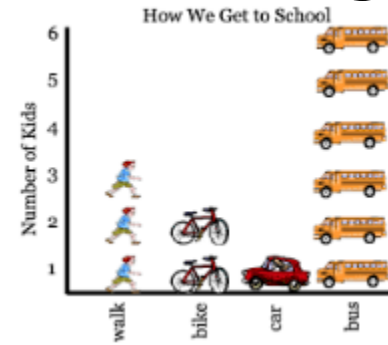
3.U7

picture graph



3.U6

gráfica con imágenes



3.U6